



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-560109
DEPARTMENT OF MECHANICAL ENGINEERING

National Conference Publication

2011- National Conference Publication

- 1 Manjunath Shettar, “*A Study of Lean Manufacturing for An Auto Components Manufacturing Industry*” In CEG – RTMT 2011, National Conference,” National Conference on Recent Trends in Manufacturing Technology”, College of Engineering Guindy Campus, Anna University, Chennai, March 11th -12th, 2011.

2012- National Conference Publication

- 2 Charitha.M. Rao,et.al, “*A Study on Micro Electrical Discharge Machining*”, Presented in ETET 2012, Organized by Jyothy Institute of Technology, Bangalore, March (2012).
- 3 Hareesh.A, “*Facing Improvement by ARC and TIG Welding*” DOCAM 12, East West Institute of Technology, May 18-19, 2012.
- 4 Hareesh.A, “*Facing Improvement by GAS and TIG Welding*”, DOCAM’12, East West Institute of Technology, May 18-19, 2012
- 5 Manjunath Shettar, “*Kaizen – A Powerful Tool of Lean Manufacturing*”, SMIT – RAET 2012, National Conference on Recent Advances in Engineering and Technologies, Sri Muthukumaran Institute of Technology, Chennai, April 27th, 2012.
- 6 R. Manjunatha, “*Optimization of Tangential, Feed force and Surface roughness during machining steel EN-19, using Coated Carbide Insert by Taguchi Technique*”. Thrust Areas of Engineering. Global Academy of Technology, Bangalore, 20-21 January 2012.

2013- National Conference Publication

- 8 Jyothi P.N, Shailesh A Rao, et.al, “*Effect of centrifugal force on the Microstructure of ZA 8 alloy*”, National Conference on “Advances in Mechanical Engineering AME-2013” held on Nov 11th and 12th at KSSEM, Bangalore, 2013
- 9 Charitha.M. Rao, et.al. “*A Study on recent trend: Additive manufacturing*” National Conference on Advances in Mechanical Engineering AME-2013” held on Nov 11th and 12th at KSSEM, Bangalore, 2013.

- 10 J.Prashanth, et.al, "*A Review on the ethanol and its acceptability as a blend for gasoline in India*" National Conference on "Advances in Mechanical Engineering AME-2013" held on Nov 11th and 12th at KSSEM, Bangalore, 2013
- 11 J. Prashanth, et.al, "*Challenges and bottle necks in the implementation of ERP in small scale industries*" National Conference on "Advances in Mechanical Engineering AME-2013" held on Nov 11th and 12th at KSSEM, Bangalore, 2013
- 12 Charitha.M.Rao, et.al, "*Optimization of cutting conditions of surface finish in diamond turning process*" Presented in Pratibimb, National Conference at NIE, Mysore, October 2013.
- 13 Charitha.M.Rao, et.al, "*Surface Engineering-Laser Cladding*", NWS 2013, held at KTPO, Bangalore, February, 2013.

2015- National Conference Publication

- 14 S N Sridhara, et.al. "Peak Temperature Prediction for Device in Flat Heat Pipe Using 1D -Network Model", 2nd National Conference on Advances in Mechanical Engineering-2015, K.S. School of Engineering and Management, Bangalore, 28th April 2015.
- 15 Harsha J, et.al. "Fabrication and Evaluation of Solid Oxide Fuel Cell stack components", 2nd National Conference on Advances in Mechanical Engineering-2015, K.S. School of Engineering and Management, Bangalore, 28th April 2015.
- 16 S. Chandrashekar, "Development of Precision Blanking and Piercing Punches", 2nd National Conference on Advances in Mechanical Engineering-2015, K.S. School of Engineering and Management, Bangalore, 28th April 2015
- 17 Bharath Kumar, Jyothi.P.N. N, Shailesh Rao.A, Pavan Kumar.G, "Development of Aluminium -5% Silicon Alloy Reinforced with Rice Husk and Cow Dung Ash for Engine Application", 2nd National Conference on Advances in Mechanical Engineering-2015, K.S. School of Engineering and Management, Bangalore, 28th April 2015
- 18 Susmitha.M, Sharan P, Jyothi.P. N, Shailesh Rao.A "Recent Advances in 3D Printing Technology", 2nd National Conference on Advances in Mechanical Engineering-2015, K.S. School of Engineering and Management, Bangalore, 28th April 2015
- 19 Jyothi.P. N, Shailesh Rao.A "Research Avenues in Metal Foaming Process", 2nd National Conference on Advances in Mechanical Engineering-2015, K.S. School of Engineering and Management, Bangalore, 28th April 2015

2016- National Conference Publication

- 20 Saumiya Abraham, et.al. "*Design and fabrication of closed loop water tunnel for experimental and numerical investigation of flow dynamics over bluff bodies*",

National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.

- 21 Akashdeep B N, et.al. "*Optimization of Reinforcement Speed for Aluminum Metal Matrix Composite for Marine Application*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 22 Shivanand, et.al. "*An Experimental Investigation on Mechanical Properties of Hybrid Hemp/Glass Fiber Composites*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 23 Jyothi.P.N, et.al. "*Application of Vegetable based oils as cutting fluids for various machining operations -A Review*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2015.
- 24 Akashdeep B N, et.al. "*Automated Manual Gear Transmission in Motor Bikes*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 25 Santosh Kumar K J, et.al. "*Friction Stir Welding of Hypoeutectic Alloys (Al-5wt%Si) by using Milling Machine*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 26 Shivanand, et.al. "*A Review on Recent Developments of Laser Welding Technology in Industries*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 27 Jyothi. P.N, et.al. "*Research work on Fiber Reinforced Hybrid Composite- A Review*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 28 Santosh Kumar K J, et.al. "*Design and Testing of Pot Erosion Testing Machine*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 29 Bharath Kumar M, J Prashanth, et.al. "*Design and Fabrication of Multi-Purpose Swimming Robot*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.
- 30 Yuvaraja Naik, Bharath Kumar M, et.al. "*Design and Fabrication of Mechanical Fixture for Friction Stir Welding Process*", National Conference on Advances in Mechanical Engineering-2016, K.S. School of Engineering and Management, Bangalore, 29th April 2016.

2020- National Conference Publication

- 31 Vinod A, et al. “*Numerical Study of Forced Convection Heat Transfer Through Perforated Fins*”, Proceedings of the National Conference on Advancements & Modern Innovations in Engineering and Technology AMIET 2020, (ISBN: 978-93-5407-803-3)